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Atty. Dkt. No. 039262-0114

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jun MURAMATSU et al.  
Title: SUBMARINE POWER FEEDING BRANCHING DEVICE FOR  
SUBMARINE POWER FEEDING SYSTEM HAVING SUBMARINE  
FEEDING CABLES ARRANGED IN MESH PATTERN  
Appl. No.: 10/687,931  
Filing Date: 10/20/2003  
Examiner: Rutland-Wallis, Michael  
Art Unit: 2835

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, and within three (3) months of the mailing date of a foreign office communication.

**RELEVANCE OF EACH DOCUMENT**

Document C1 is a U.S. counterpart of Document C4.

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding Japanese application. The Examiner stated in connection with the corresponding application in Japan:

4. It is a common practice when necessary, to control the duty ratio of square wave supplied to the primary coil of a transformer and control the output (Claim 4) (for instance, refer to the abstract of JP 2000-295861 and Paragraph 34 of JP 2001-86747).

Further, it is known to a person skilled in the art that the voltage between a pair of input terminals is detected and when it is greater than a predetermined value, a DC/DC converter is bypassed by a bypass circuit (Claims 5 and 6) (for instance, refer to Paragraph 21 of JP 11-69800 and Paragraph 6 of JP 2001-95240).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

**STATEMENT**

The undersigned hereby states in accordance with 37 CFR §1.704(d) that each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart application and that this

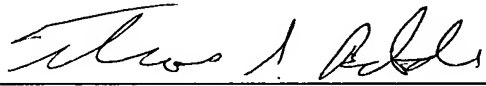
communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

Applicants' statements regarding the Japanese Office Action are based on a partial translation that Applicant's representative obtained. These statements should in no way be considered as an agreement by Application with, or an admission of, what is asserted in the Japanese Office Action.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date: August 10, 2006

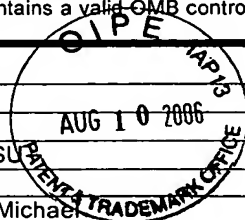
By 

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 945-6089  
Facsimile: (202) 672-5399

Thomas G. Bilodeau  
Attorney for Applicant  
Registration No. 43,438

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: August 10, 2006 <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/687,931
				Filing Date	10/20/2003
				First Named Inventor	Jun MURAMATSU
				Group Art Unit	2835
				Examiner Name	Rutland-Wallis, Michael
				Attorney Docket Number	039262-0114
Sheet	1	of	1		



### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	C1	6,184,631	B1	NOMA et al.	02-06-2001	

### UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code <sup>2</sup> (if known)			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	C2	JP	2001-095240	A	NEMIC LAMBDA KK	04-06-2001		A
	C3	JP	2001-086747	A	FUJI XEROX CO. LTD.	03-30-2001		A
	C4	JP	2000-295861	A	MURATA MFG. CO. LTD.	10-20-2000		A
	C5	JP	11-069800		ROHM CO. LTD.	03-09-1999		A

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature	Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.